

SHELLY H&T Gen3

Next generation Wi-Fi humidity and temperature smart sensor, featuring an e-paper graphic display, for a seamless climate control in your living space.

Shelly



Next generation H&T smart sensor

The new smart sensor accurately tracks temperature and humidity, both essential for a healthy home environment. Connect it with other Shelly devices for seamless climate automation, ensuring optimal comfort and well-being in your living space.

- No hub required! Easy control through Shelly Smart Control app or various protocols, platforms and voice assistants
- Equipped with the new Shelly chip: 8MB of memory and faster responsiveness
- Matter-upgradable without compromising on functionalities
- Enhanced with a low consuming e-paper display & built-in clock
- Works with type-C USB slot
- Batteries 4 x 1.5 V AA (LR) (batteries not included)
- Low battery consumption (up to 1 year battery life)
- Has an embedded web server and connects to your Wi-Fi network

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Exceptional performance



Discover the power of enhanced memory with Shelly H&T Gen3. Equipped with our Shelly chip, featuring 8MB of memory, it doubles the efficiency and responsiveness. The leap in memory capacity prepares Gen3 devices for upcoming features, provides smoother operation and quicker responses, ensuring your environment is monitored with unparalleled precision and ease.

Shelly H&T Gen3 is not just smart — it is future-ready! We've ensured that this Gen3 device is fully Matter-upgradable, without compromising on functionality. Thanks to its doubled memory, upgrading to Matter compatibility will be seamless, maintaining all current features while opening doors to new integrations and possibilities in your smart home.

Ultimate environment monitor

Ensure the perfect sleeping environment for your baby by monitoring the nursery's temperature and humidity. Set alerts to maintain ideal conditions for a safe and comfortable sleep.



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Heating made easy!

Effortlessly transform your old heater into a smart one. By simply connecting your heater to a Shelly Plug, and then linking it with the Shelly H&T Gen3, you can create a scene that activates the heater just before the temperature drops. This smart automation ensures your home is always comfortably warm and efficient.



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A black, square-shaped smart sensor with a white LCD screen is placed on a dark, speckled bathroom countertop. The screen displays the time 15:07, a battery level icon, a temperature of 26.0°C, a signal strength icon, a Bluetooth symbol, and a humidity level of 39%. In the background, a white sink and a blurred window with light are visible.

Intelligent humidity control

Maintain a healthy environment in your bathroom with Shelly H&T Gen3. By integrating the sensor with Shelly Plus 1 wired to your bathroom fan, you can automate humidity control with ease. Set a scene where, upon detecting high humidity levels, Shelly Plus 1 activates the fan, effectively reducing moisture. This adds a touch of convenience to your daily routine, ensuring your bathroom remains comfortable and dry, automatically.

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KEY FEATURES



Wi-Fi operated

Connect Shelly H&T Gen3 directly to your Wi-Fi network. **No HUB required!**



Bluetooth connectivity

Quick inclusion via Bluetooth or use it as a Bluetooth gateway



Long battery life

Over 1 year of battery life and a USB type-C slot for continuous power



Measures humidity

Monitor changes in humidity levels to avoid dryness and mold growth



Measures temperature

Be aware of temperature fluctuations and maintain comfortable conditions



Free data history

Features up to 1 year of free data storage for analysis and statistics



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TECHNICAL SPECIFICATIONS

Dimensions (HxWxD):

- without stand: 70x70x26 mm / 2.76x2.76x1.02 in
- with stand: 70x70x45 mm / 2.76x2.76x1.77 in

Ambient temperature: 0°C to 40°C / 32°F to 104°F

Humidity: 30% to 70% RH

Power supply:

- Batteries: 4 AA (LR6) 1.5 V (batteries not included)
- USB power supply: Type-C (cable not included)

Estimated battery life: Up to 12 months

Electrical consumption:

- Sleep mode $\leq 32\mu\text{A}$
- Setup mode $\leq 76\text{mA}$

RF band: 2400 - 2495 MHz

Max. RF power: < 20 dBm

Wi-Fi protocol: 802.11 b/g/n

Wi-Fi operational range (depending on local conditions):

- up to 50m / 160 ft outdoors
- up to 30m / 100 ft indoors

Bluetooth protocol: 4.2

Bluetooth operational range (depending on local conditions):

- up to 30m / 100 ft outdoors
- up to 10m / 33 ft indoors

CPU: ESP-Shelly-C38F

Flash: 8MB

Webhooks (URL actions): 10 with 2 URLs per hook

MQTT: Yes

REST API: Yes



LOGISTIC DATA



Price

XXX without VAT

EAN

3800235261552 – Ivory
3800235261569 – Mocha
3800235261545 – Matte Black
3800235261538 – Matte White (coming soon)

Box dimensions

94x109x40 mm

Box weight (gross)

0,128 kg

Devices per Carton

52 devices



RoHS
COMPLIANT

Shelley®

Explore the possibilities